



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Dan Jin  
Serial No. : 10/761,862  
Filed : January 21, 2004  
Title : FLUORINATED SOL-GEL ELECTRO-OPTIC MATERIALS, PROCESS FOR  
PRODUCING SAME, AND DEVICES THEREFROM

Art Unit : Unknown  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

The following correspondence relating to this application is enclosed for filing:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. Non-U.S. Patent References; and
4. A Return Postcard.

Please date stamp and return the enclosed postcard.

Please apply any charges or credits to Deposit Account No. 06-1050.

Date: 3/15/04

Respectfully submitted,

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March 16, 2004

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Heidi Bathrick

Typed or Printed Name of Person Signing Certificate



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INFORMATION DISCLOSURE STATEMENT

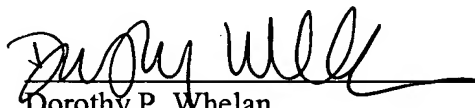
Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Only copies of Non-U.S. Patent references are attached. Please apply any charges or credits to Deposit Account No. 06-1050.

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14414-020001	Application No. 10/761,862
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Dan Jin	
		Filing Date January 21, 2004	Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,120,339	06/09/92	Markovich et al.			
	AB	5,198,513	03/30/93	Clement et al.			
	AC	5,219,788	06/15/93	Abernathey et al.			
	AD	5,223,356	06/29/93	Kumar et al.			
	AE	5,370,969	12/06/94	Vidusek			
	AF	5,433,895	07/18/95	Jeng et al.			
	AG	5,480,687	01/02/96	Heming et al.			
	AH	5,497,445	03/05/96	Imoto			
	AI	5,635,576	06/03/97	Foll et al.			
	AJ	5,714,304	02/03/98	Gibbons et al.			
	AK	5,776,374	07/07/98	Newsham et al.			
	AL	5,783,319	07/21/98	Reisfeld et al.			
	AM	5,811,507	09/22/98	Chan et al.			
	AN	5,861,976	01/19/99	Hoekstra			
	AO	5,887,116	03/23/99	Grote			
	AP	6,002,828	12/14/99	Hult et al.			
	AQ	6,019,906	02/01/00	Jang et al.			
	AR	6,031,945	02/29/00	You et al.			
	AS	6,060,170	05/09/00	Burgoyne, Jr.			
	AT	6,117,967	09/12/00	Fuller, et al.			
	AU	6,126,867	10/03/00	Kanitz et al.			
	AV	6,229,949	05/08/01	Ido et al.			
	AW	6,294,573	09/25/01	Curtin et al.			
	AX	6,303,730	10/16/01	Fries et al.			
	AY	6,306,563	10/23/01	Xu et al.			
	AZ	6,323,361	11/27/01	Wu et al.			
	AAA	6,335,149	01/01/02	Xu et al.			
	ABB	6,419,989	07/16/02	Betz et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ACC	6,466,707	10/15/02	Dawes, et al.			
	ADD	6,473,551	10/29/02	Norwood, et al.			
	AEE	10/264,461	N/A	Dinu et al.			
	AFF	10/301,978	N/A	Huang et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
/	AGG	961139	01/12/99	EP			X	
/	AHH	10049443	02/20/98	JP			X	
/	AII	2001255426	09/21/01	JP			X	
/	AJJ	09258151	10/03/97	JP			X	
/	AKK	10232323	09/02/98	JP			X	
	ALL	04238305	08/26/92	JP			X	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AMM	Bailey et al., "Step and flash imprint lithography: Template surface treatment and defect analysis," <u>J. Vac. Sci. Technol. B</u> , 2000, 18(6):3572-3577
	ANN	Chen et al., "Thermosetting Polyurethanes with Stable and Large Second-Order Optical Nonlinearity," <u>Macromolecules</u> , 1992, 25:4032-4035
	AOO	Grote et al., "Effect of conductivity and dielectric constant on the modulation voltage for optoelectronic devices based on nonlinear optical polymers," <u>Opt. Eng.</u> , 2001, 40(11):2464-2473
	APP	Ma et al., "A Novel Class of High-Performance Perfluorocyclobutane-Containing Polymers for Second-Order Nonlinear Optics," <u>Chem. Mater.</u> , 2000, 12:1187-1189
	AQQ	Ma et al., "Highly Efficient and Thermally Stable Nonlinear Optical Dendrimer for Electrooptics," <u>J. Am. Chem. Soc.</u> , 2001, 123:986-987
	ARR	Mao et al., "Progress toward Device-Quality Second-Order Nonlinear Optical Materials. 1. Influence of Composition and Processing Conditions on Nonlinearity, Temporal Stability, and Optical Loss," <u>Chem. Mater.</u> , 1998, 10:146-155
	ASS	Oh et al., "Electro-optic polymer modulators for 1.55 $\mu\text{m}$ wavelength using phenyltetraene bridged chromophore in polycarbonate," <u>Appl. Phys. Lett.</u> , 2000, 76(24):3525-3527
	ATT	Resnick et al., "Release Layers for Contact and Imprint Lithography," <u>Semicon. Int.</u> , June 2002, online version, 7 pgs.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	